FIG. 1A

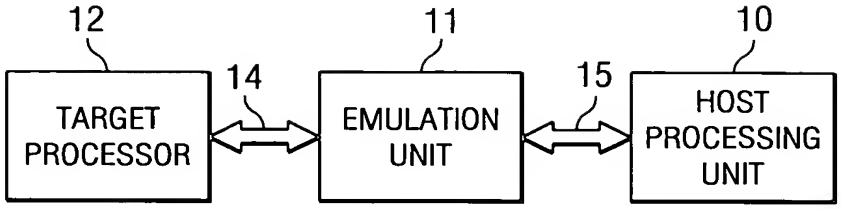


FIG. 1B

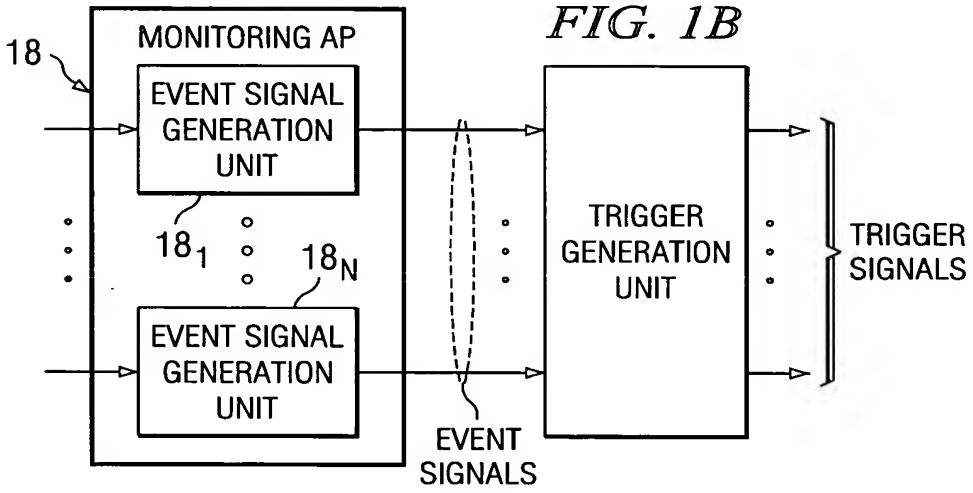


FIG. 2

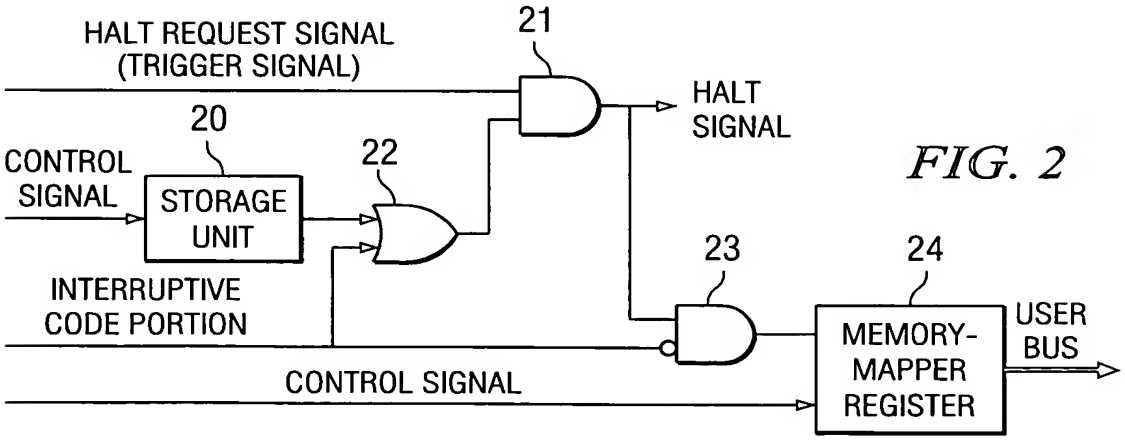
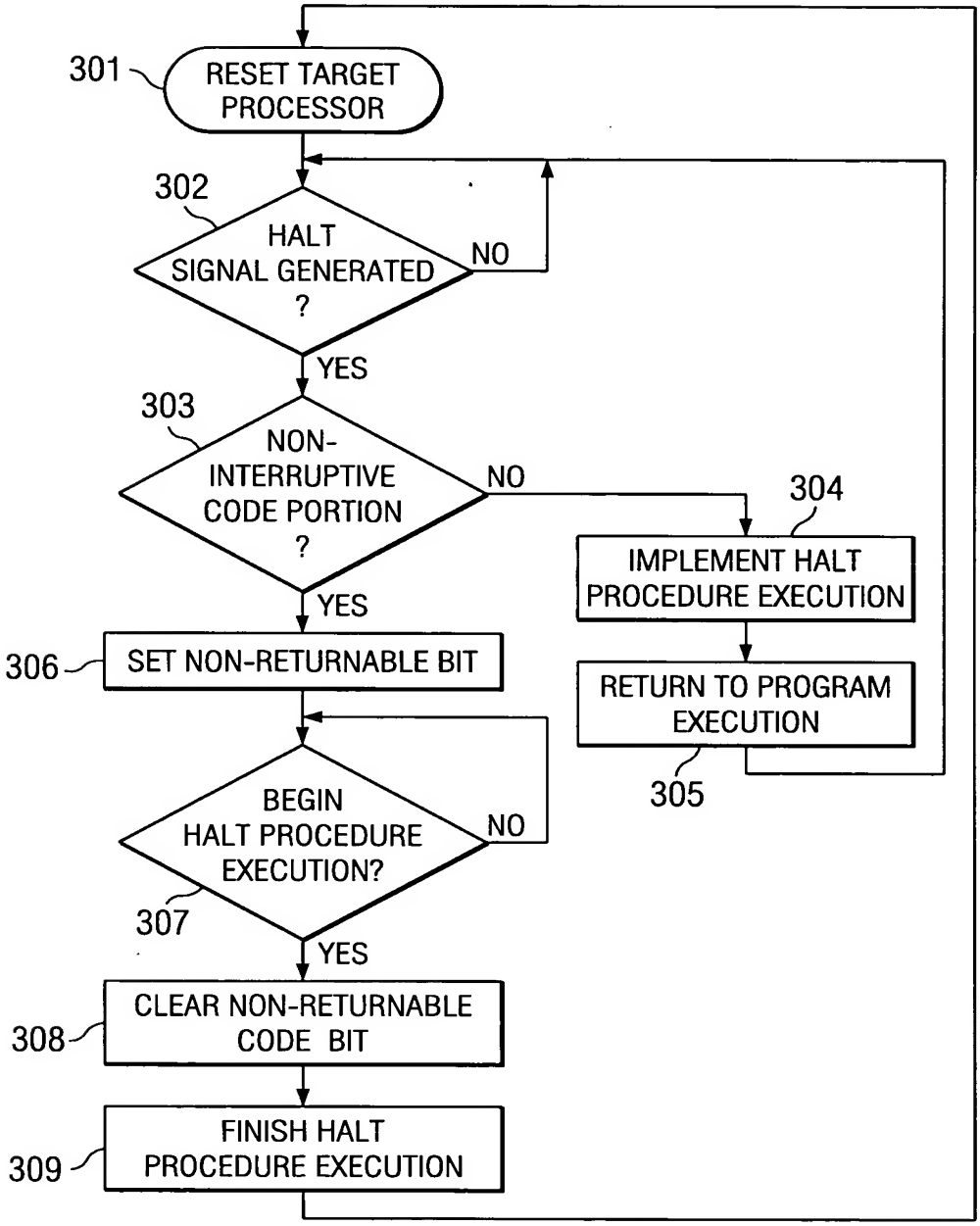


FIG. 3


301
RESET TARGET PROCESSOR
302
HALT SIGNAL GENERATED ?
NO
YES
303
NON-INTERRUPTIVE CODE PORTION ?
NO
304
IMPLEMENT HALT PROCEDURE EXECUTION
RETURN TO PROGRAM EXECUTION
305
YES
306
SET NON-RETURNABLE BIT
BEGIN HALT PROCEDURE EXECUTION?
NO
307
YES
308
CLEAR NON-RETURNABLE CODE BIT
309
FINISH HALT PROCEDURE EXECUTION